

FIG. 1

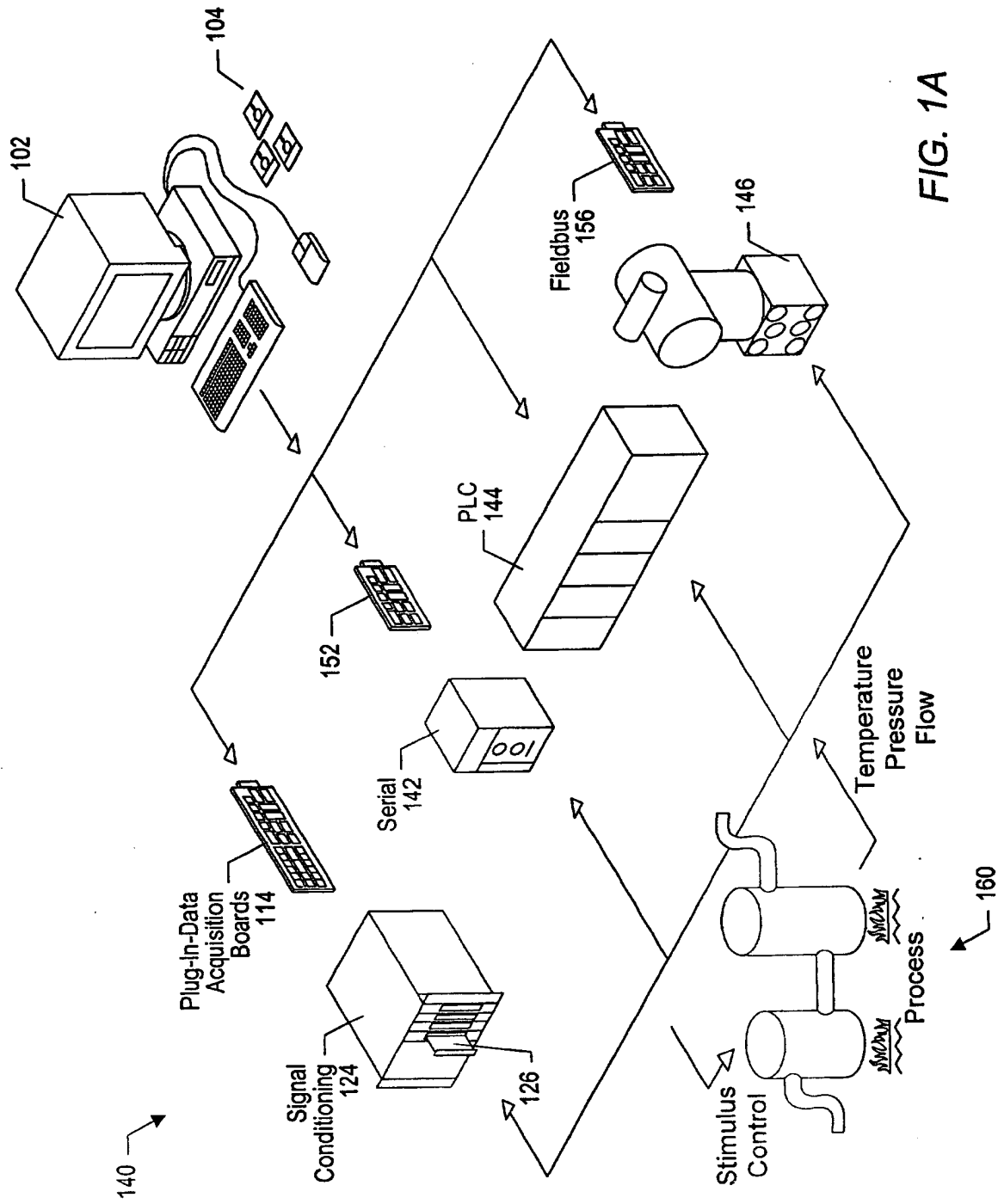


FIG. 1A

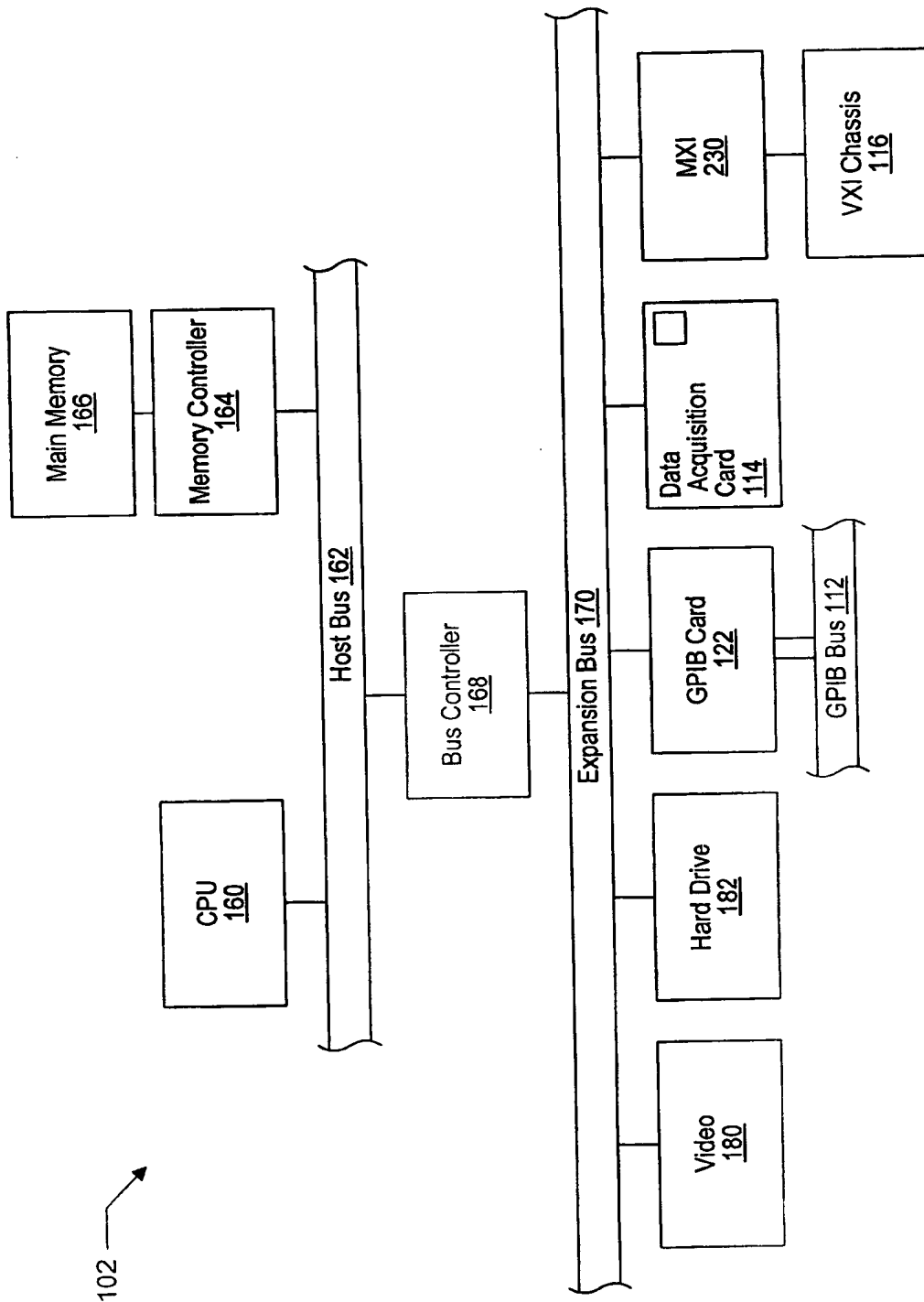


FIG. 2

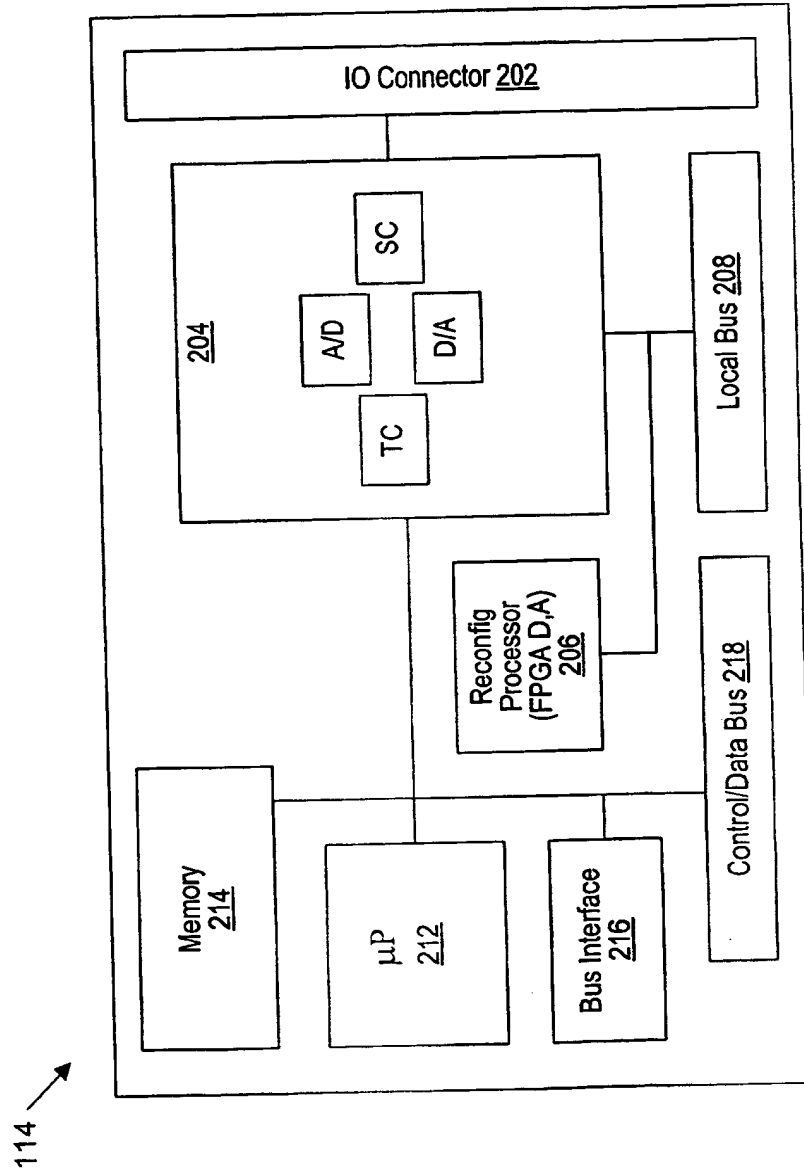


FIG. 3

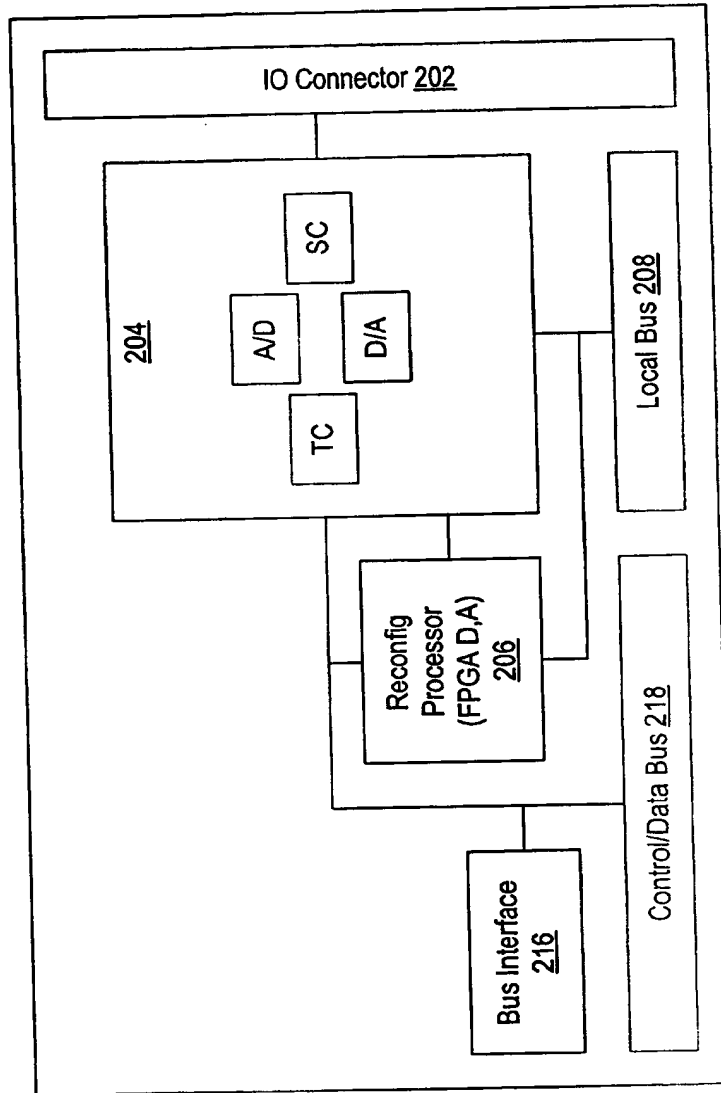


FIG. 3A

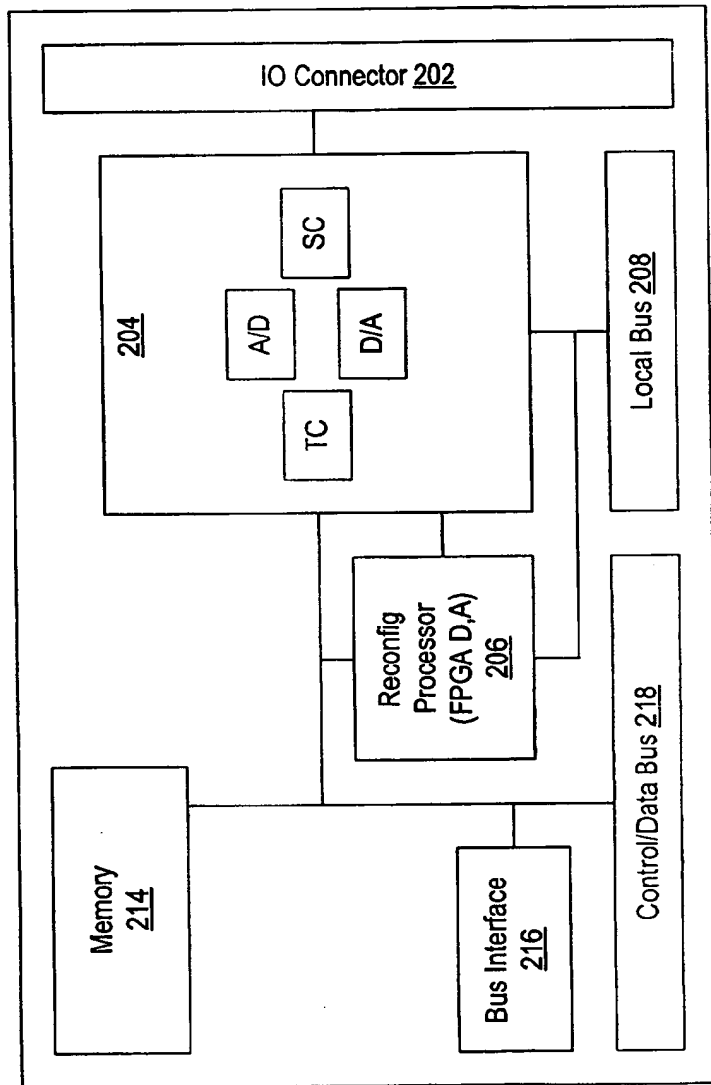


FIG. 3B

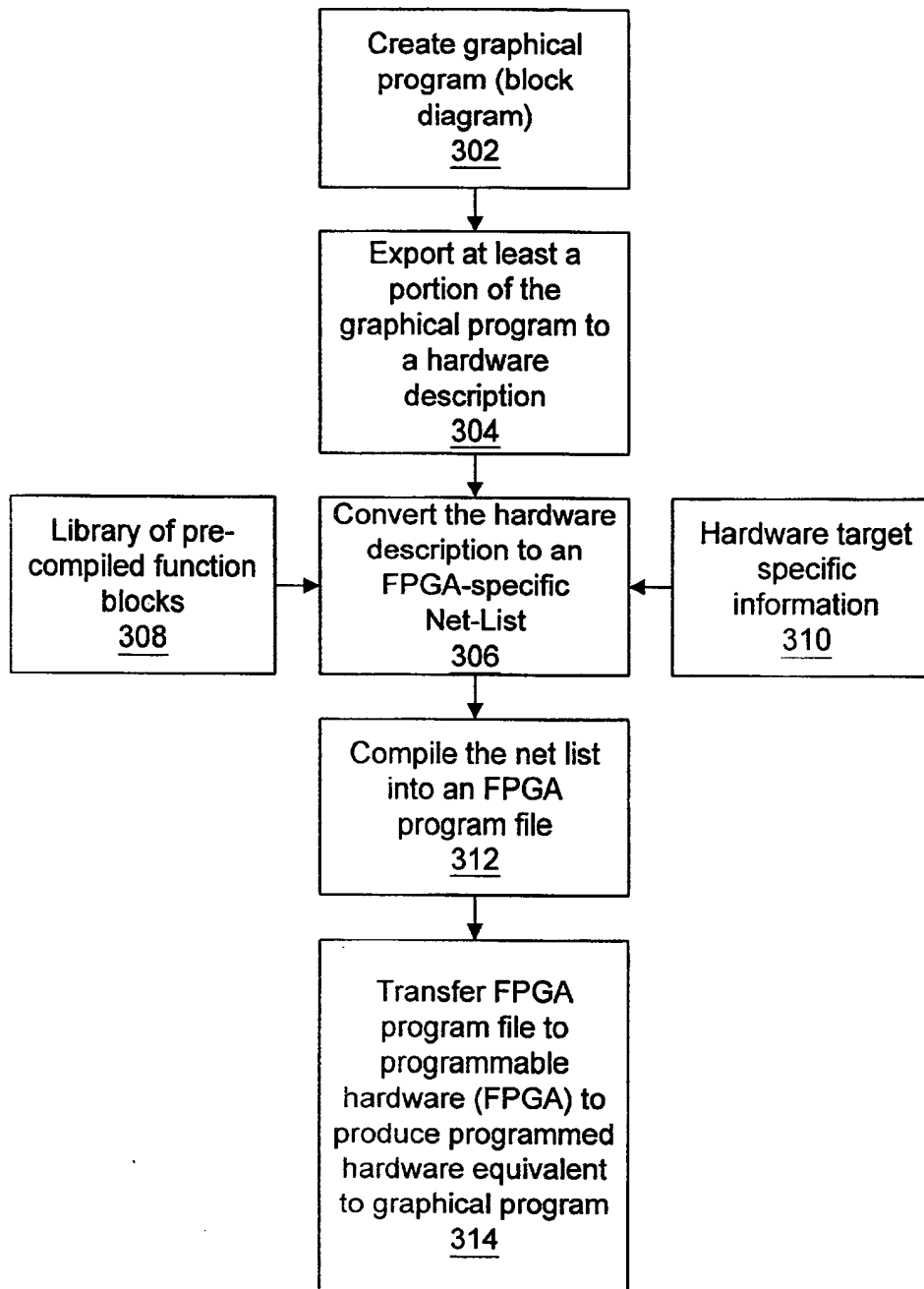


FIG. 4

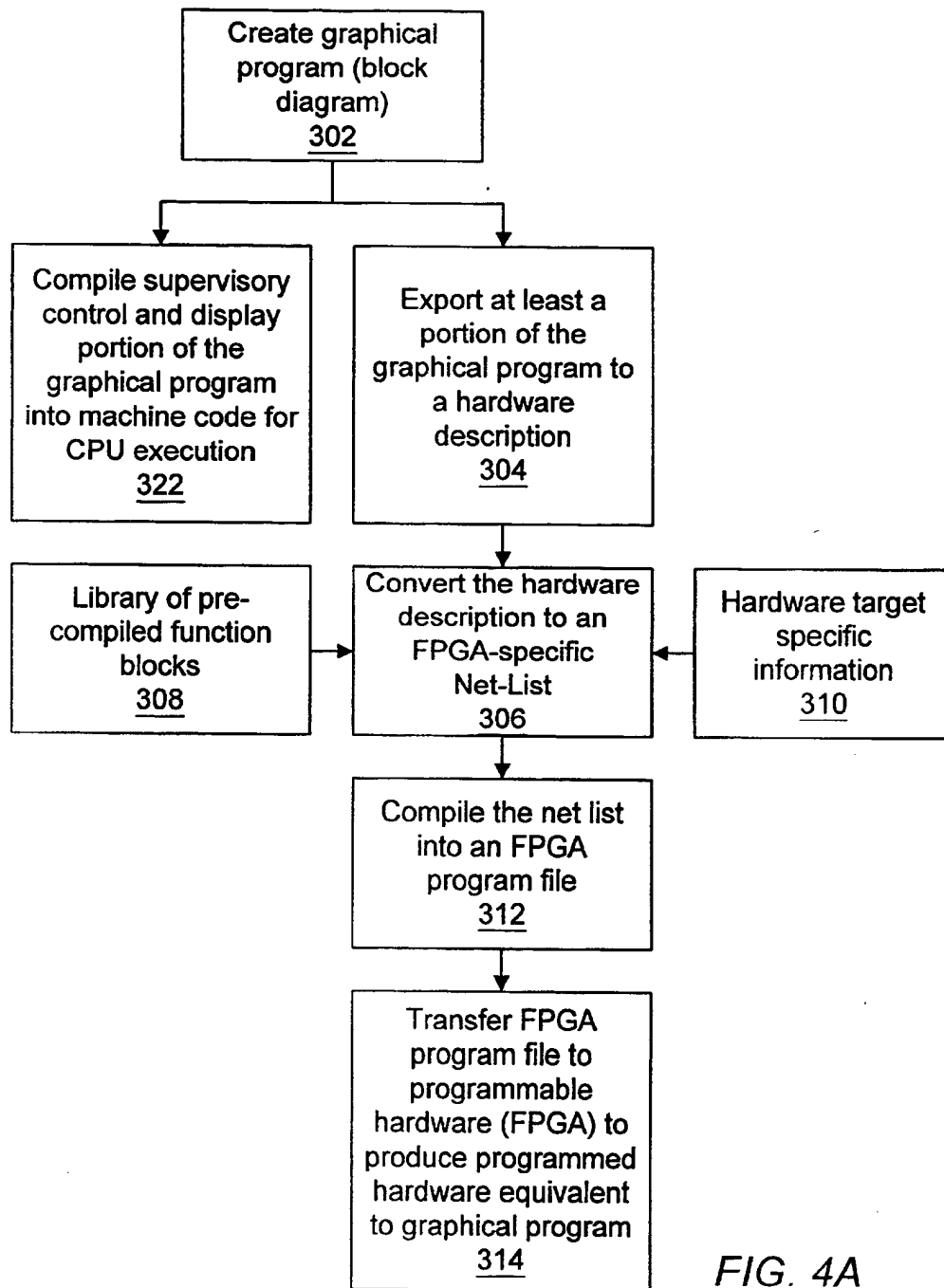


FIG. 4A



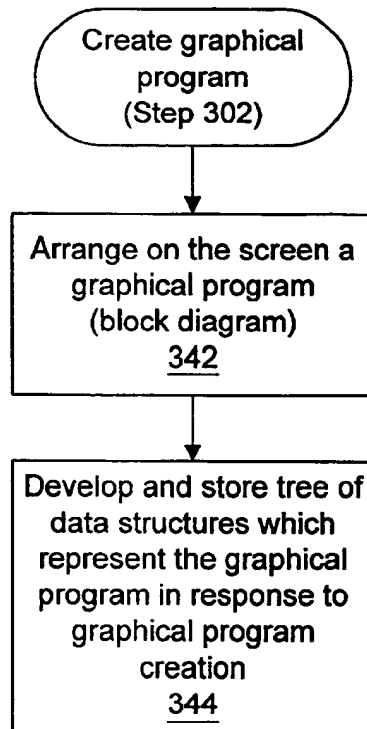


FIG. 5

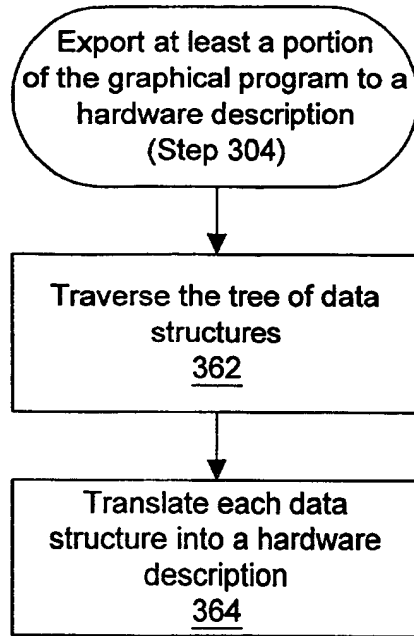


FIG. 6

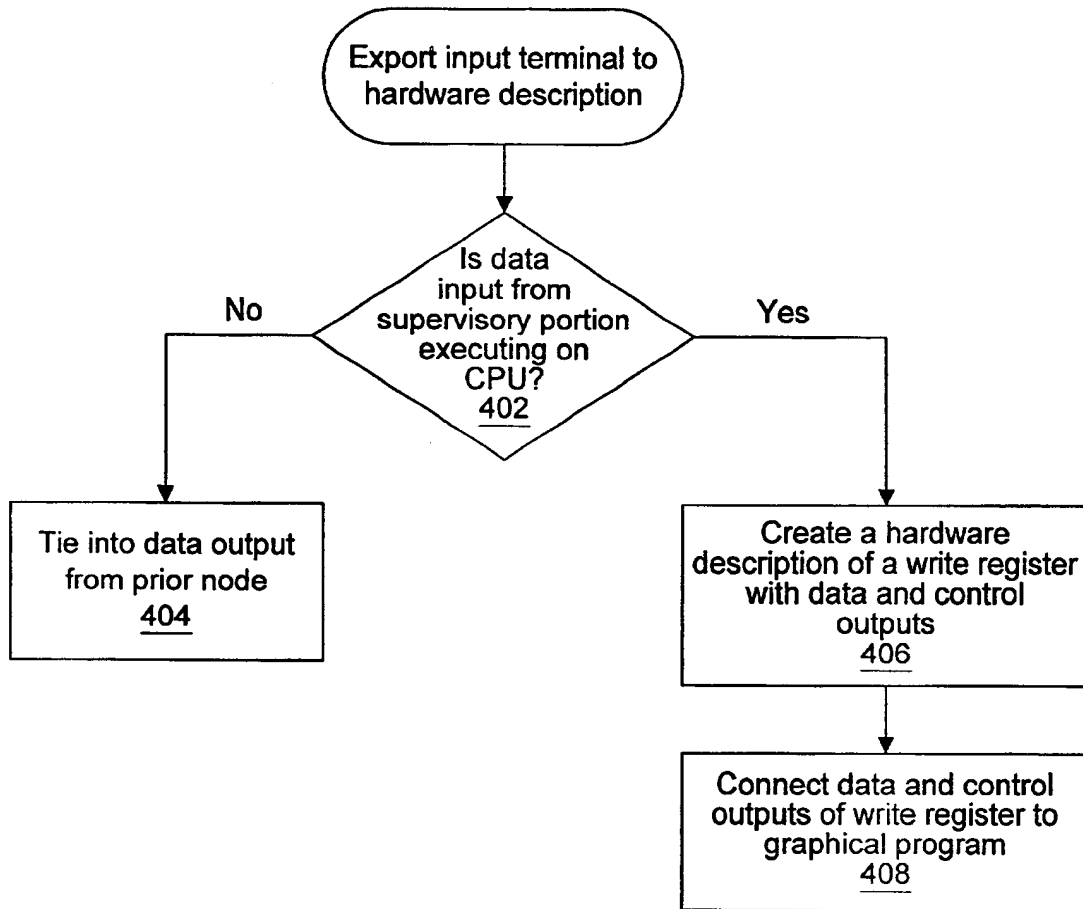


FIG. 7

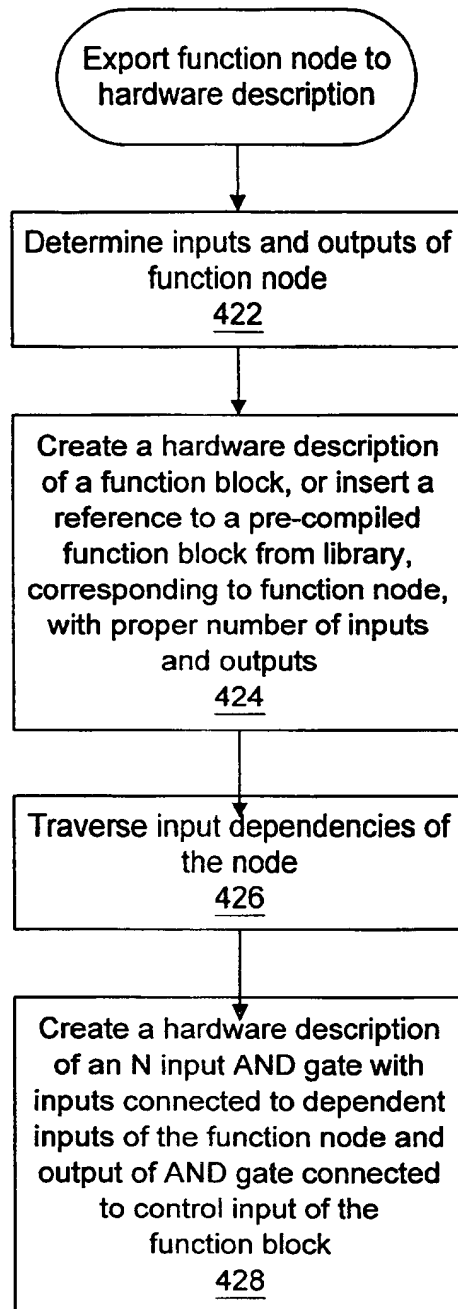


FIG. 8

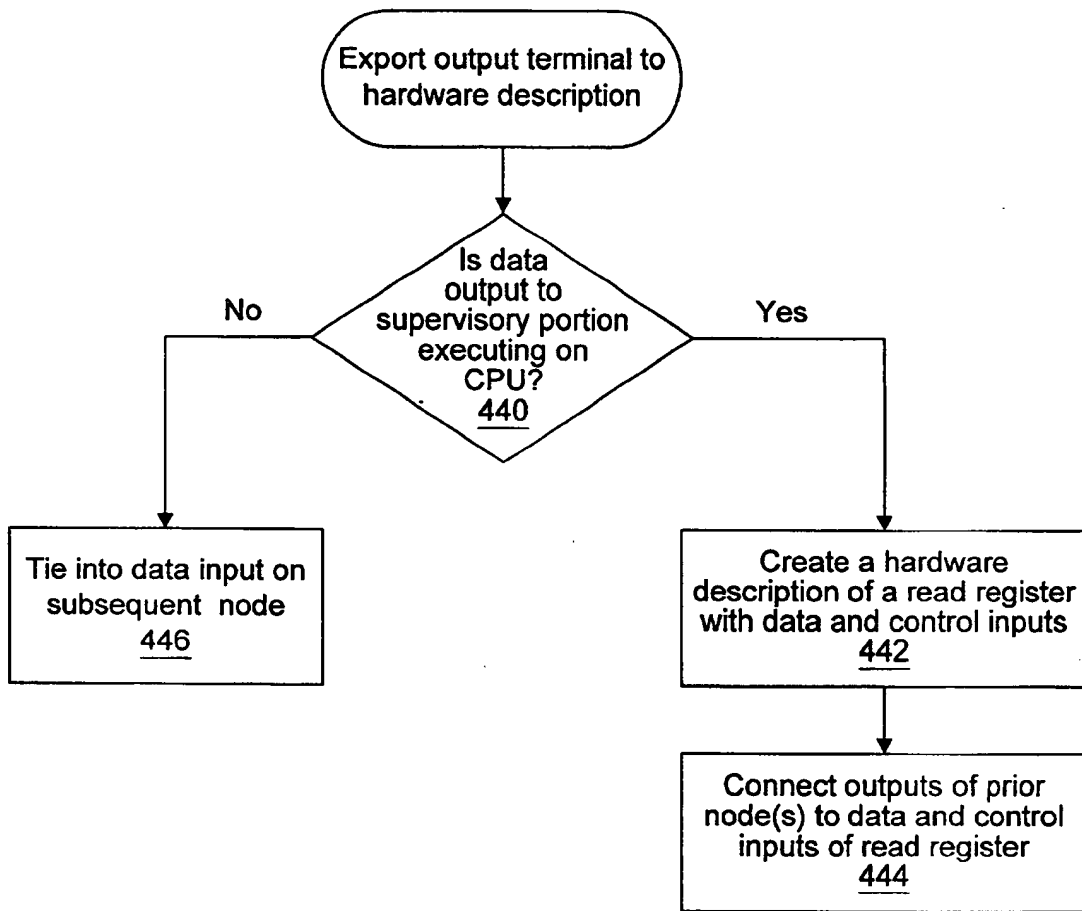


FIG. 9

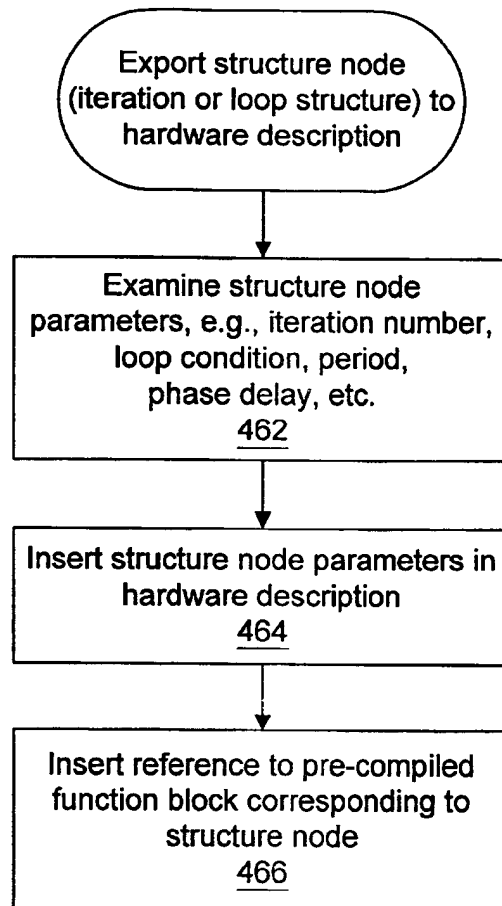


FIG. 10

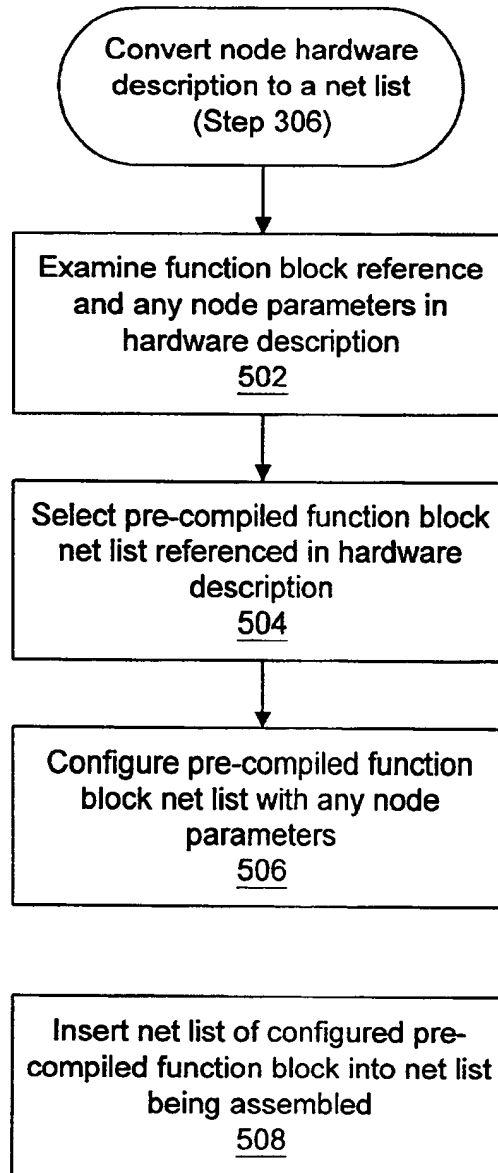


FIG. 11

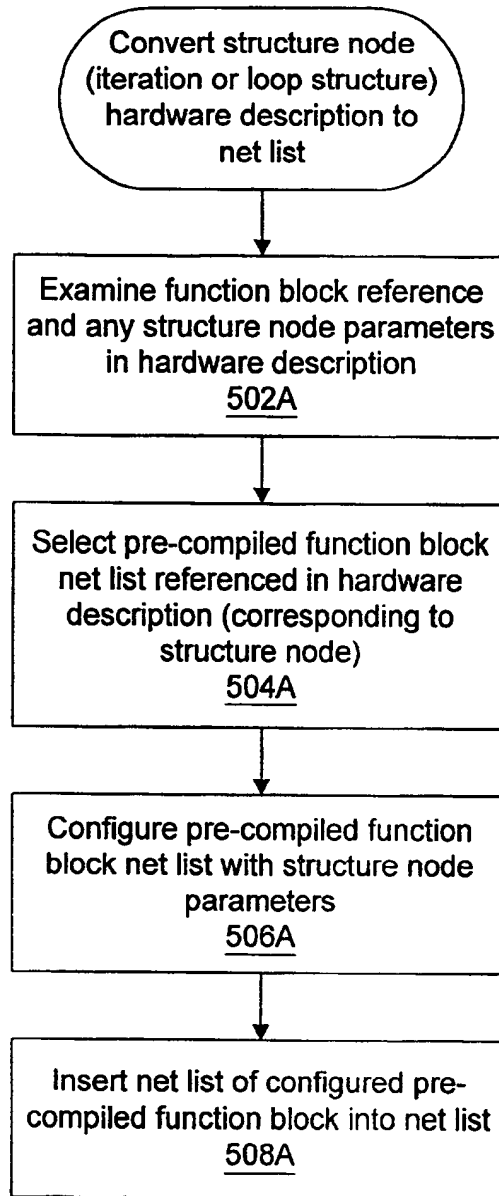


FIG. 12



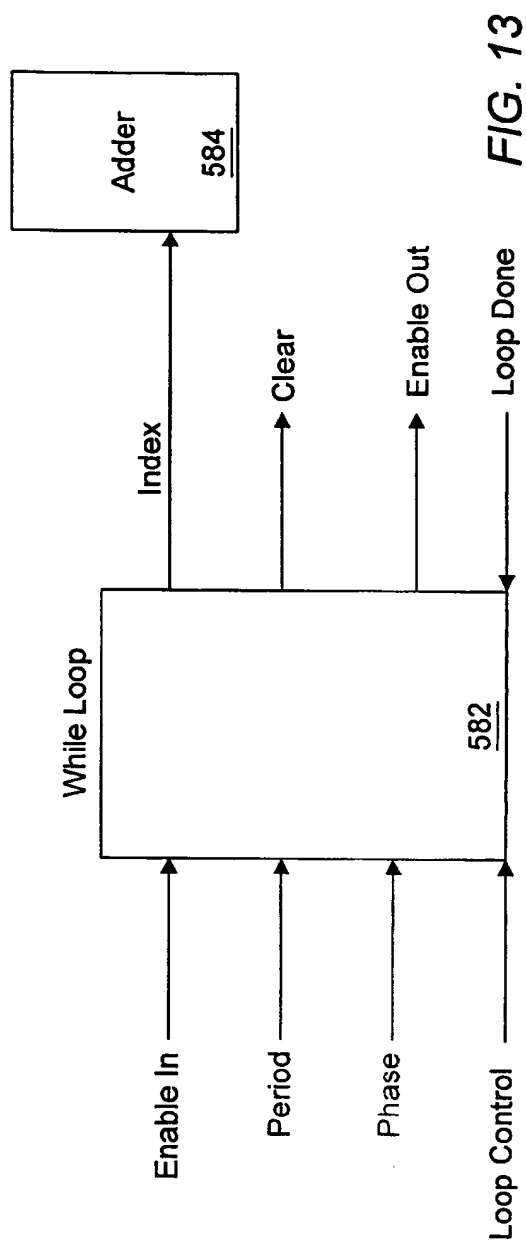


FIG. 13

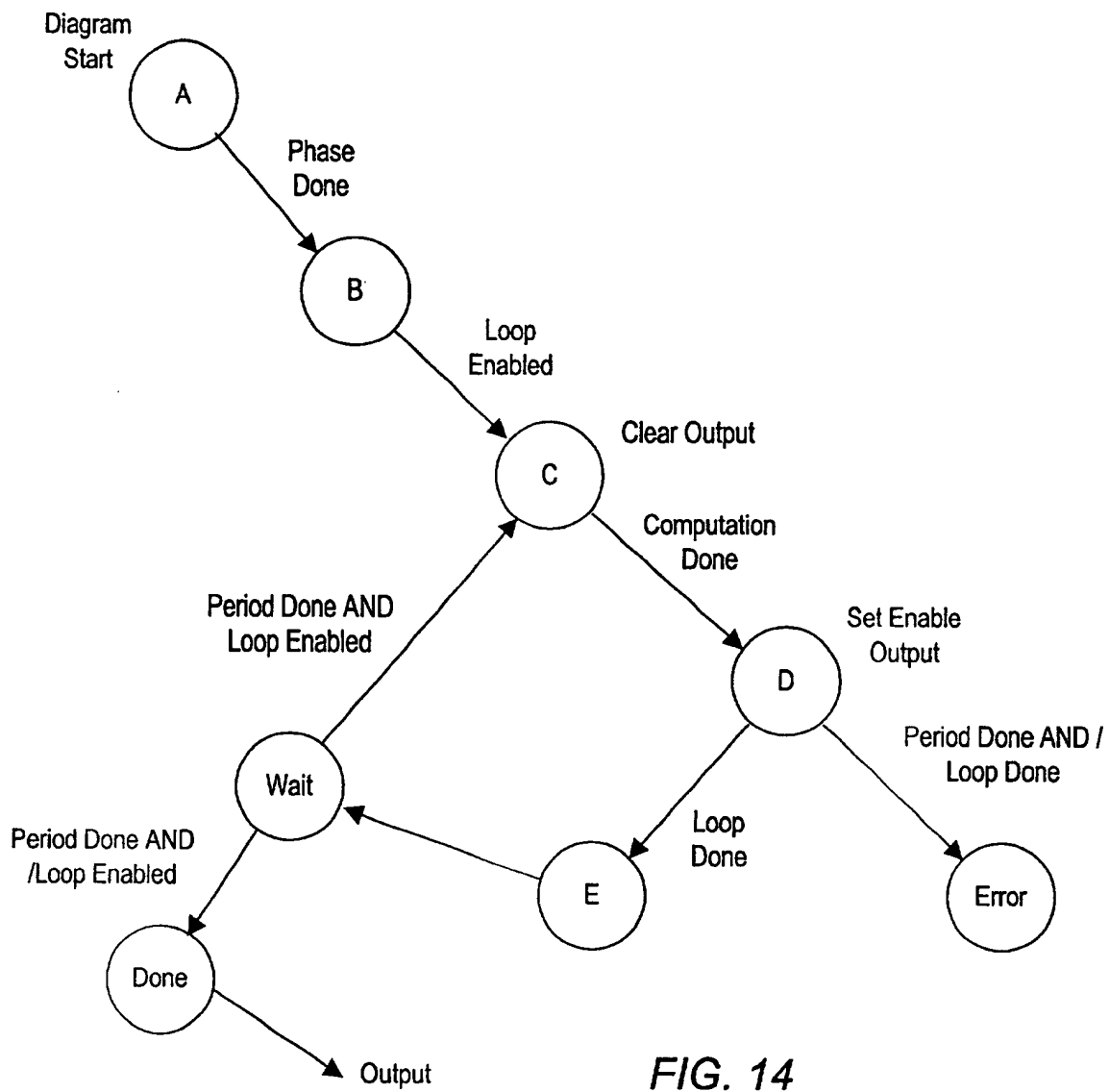
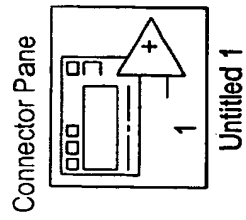
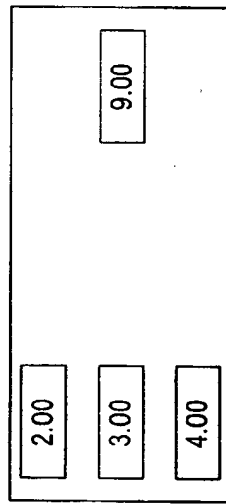


FIG. 14



Front Panel



Block Diagram

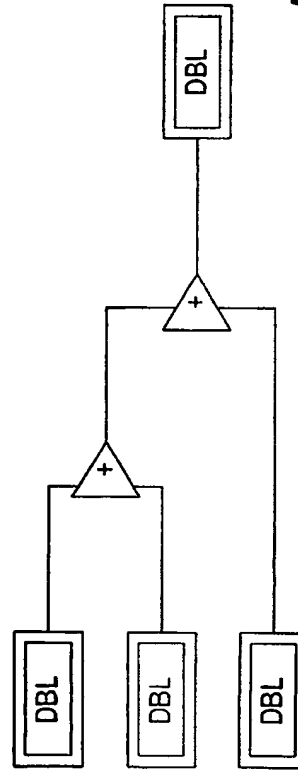


FIG. 15

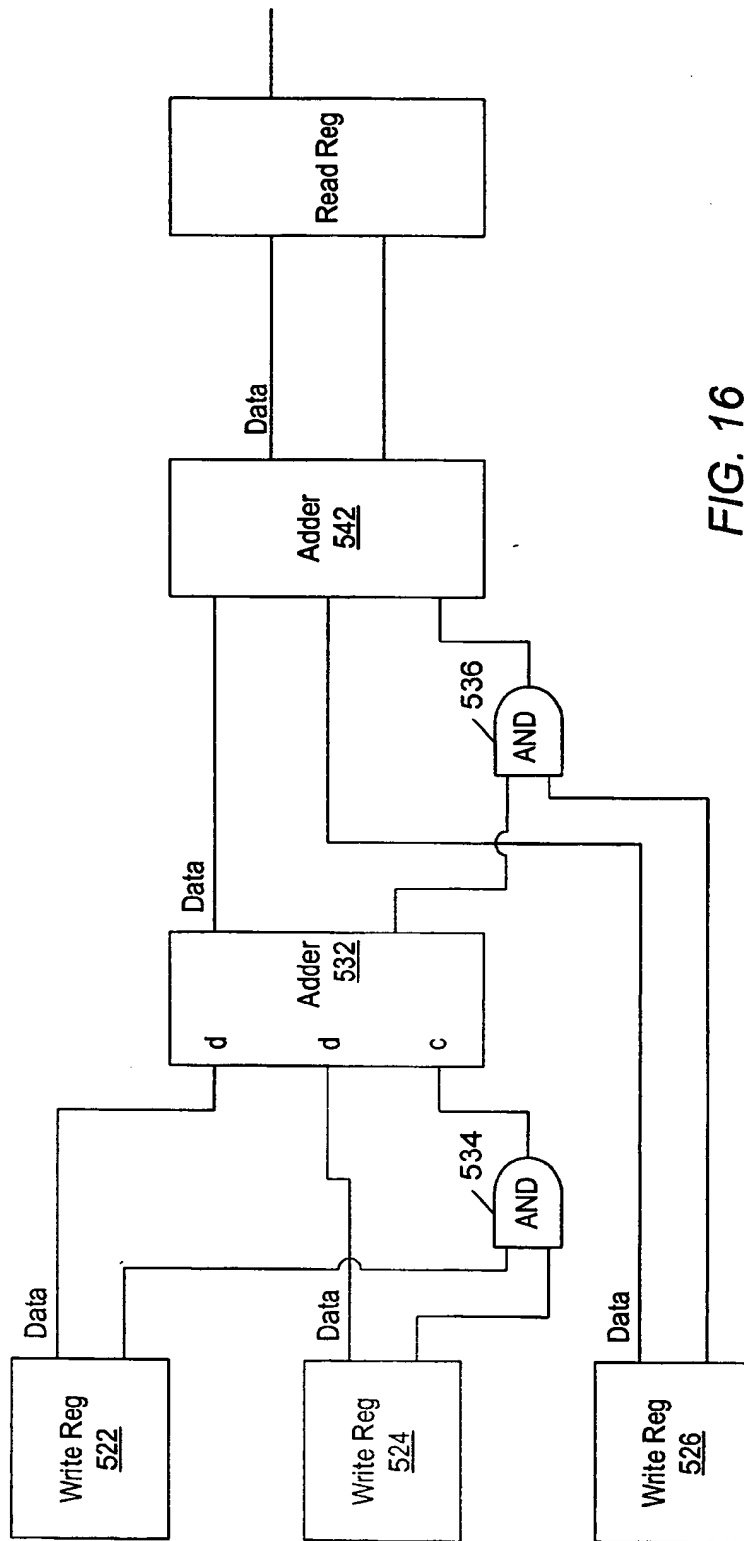


FIG. 16

LabVIEW Diagram

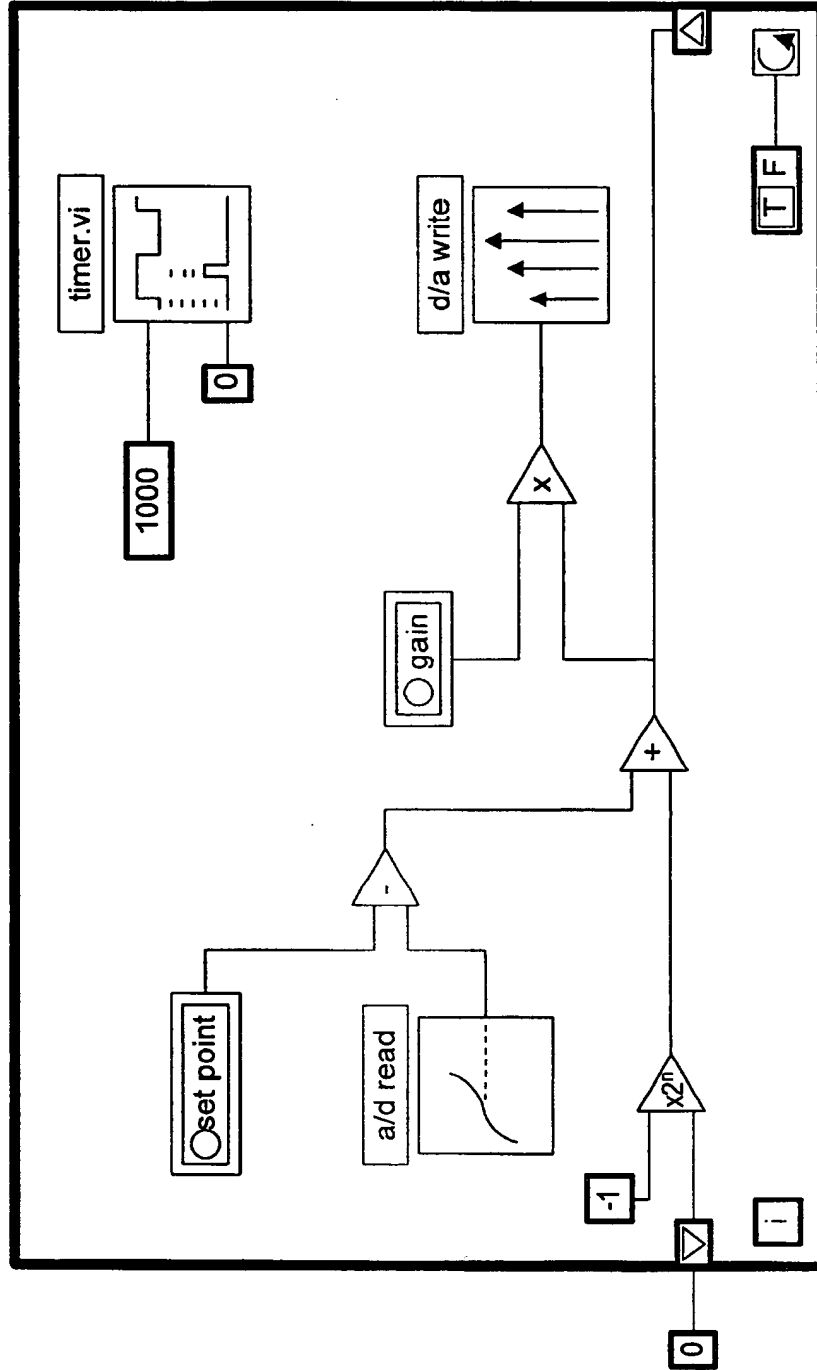


FIG. 17

## LabView Data Structures

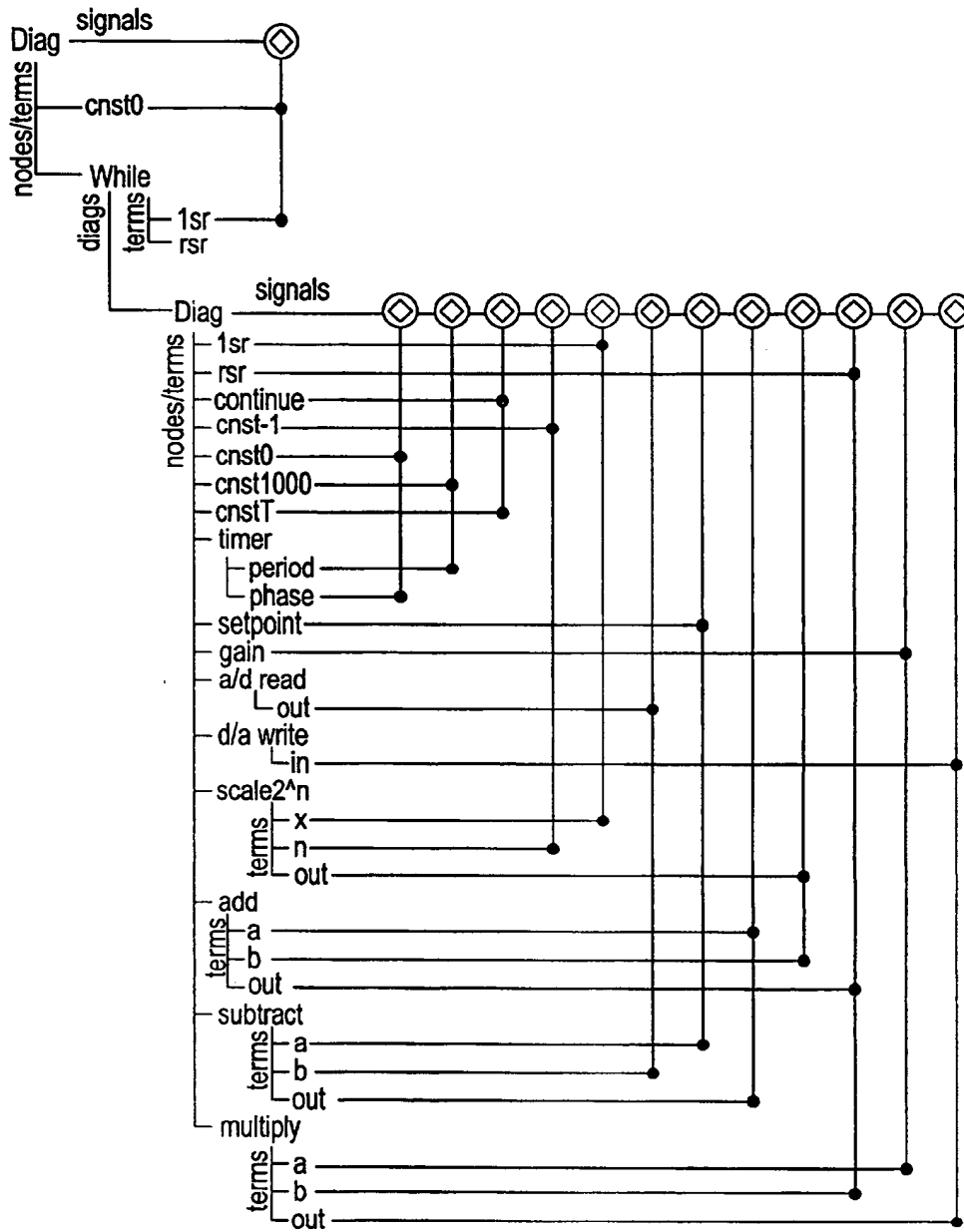
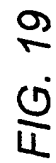


FIG. 18



**FIG. 19**